

What is claimed is:

1. An image display apparatus comprising:

an image display section in which a plurality of light emitting elements are arranged in a matrix at intersections of a plurality of scan lines and a

5 plurality of data lines;

a control circuit which selects one of modes as an operation mode in response to a mode switching signal, and outputs a data signal and a scan control signal based on an image signal to be displayed and

10 said selected mode;

a row driving section connected to said plurality of scan lines to sequentially drive said plurality of scan lines based on said scan control signal in a unit determined based on said operation

15 mode;

a column driving section connected to said plurality of data lines to sequentially drive said plurality of data lines based on said data signal;

whereby an image corresponding to said image
20 signal is displayed on said image display section.

2. The image display apparatus according to claim 1, wherein said row driving section sequentially drives said plurality of scan lines one by a first one in one of said modes based on said scan control

5 signal.

TOP SECRET

3. The image display apparatus according to claim 1, wherein said image display section is divided into an upper section and a lower section, and

said row driving section sequentially drives
5 said plurality of scan lines one by one in each of said upper and lower sections in a second one of said modes based on said scan control signal.

4. The image display apparatus according to claim 1, wherein said image display section is divided into an upper section and a lower section, and

said row driving section sequentially drives
5 said plurality of scan lines N by N (N is an integer more than 1) in each of said upper and lower sections in a third one of said modes based on said scan control signal.

5. The image display apparatus according to claim 1, wherein said row driving section sequentially drives said plurality of scan lines N by N (N is an integer more than 1) in each of said upper and lower
5 sections in a fourth one of said modes based on said scan control signal.

6. The image display apparatus according to claim 2, wherein said control circuit outputs said data signal to said column driving section such that

TOP SECRET

said image display section displays said image in a
5 monochromatic color in said first mode.

7. The image display apparatus according to
claim 3, wherein said control circuit outputs said
scan control signal to said row driving section such
that said scan electrodes of said upper section are
5 scanned from an upper end to a lower end and such that
said scan electrodes of said lower section are scanned
from an upper end to a lower end.

8. The image display apparatus according to
claim 3, wherein said control circuit outputs said
scan control signal to said row driving section such
that said scan electrodes of said upper section are
5 scanned from an upper end to a lower end and such that
said scan electrodes of said lower section are scanned
from a lower end to an upper end.

9. The image display apparatus according to
claim 3, wherein said control circuit outputs said
scan control signal to said row driving section such
that said scan electrodes of said upper section are
5 scanned from a lower end to an upper end and such that
said scan electrodes of said lower section are scanned
from an upper end to a lower end.

TOP SECRET

10. The image display apparatus according to claim 3, wherein said control circuit outputs said scan control signal to said row driving section such that said scan electrodes of said upper section are
5 scanned from a lower end to an upper end and such that said scan electrodes of said lower section are scanned from a lower end to an upper end.

11. The image display apparatus according to claim 4, wherein said control circuit outputs said scan control signal to said row driving section such that said scan electrodes of said upper section are
5 scanned from an upper end to a lower end and such that said scan electrodes of said lower section are scanned from an upper end to a lower end.

12. The image display apparatus according to claim 4, wherein said control circuit outputs said scan control signal to said row driving section such that said scan electrodes of said upper section are
5 scanned from an upper end to a lower end and such that said scan electrodes of said lower section are scanned from a lower end to an upper end.

13. The image display apparatus according to claim 4, wherein said control circuit outputs said scan control signal to said row driving section such

FOOTNOTES: 104260

that said scan electrodes of said upper section are
5 scanned from a lower end to an upper end and such that
said scan electrodes of said lower section are scanned
from an upper end to a lower end.

14. The image display apparatus according to
claim 4, wherein said control circuit outputs said
scan control signal to said row driving section such
that said scan electrodes of said upper section are
5 scanned from a lower end to an upper end and such that
said scan electrodes of said lower section are scanned
from a lower end to an upper end.

15. The image display apparatus according to
claim 1, further comprising:

an external brightness sensor which detects
brightness of a peripheral portion of said image
5 display apparatus; and

a CPU which outputs said mode switching
signal and said image signal to said control circuit
based on designation by a user, and outputs said mode
switching signal to said control circuit based on the
10 detected brightness by said external brightness.

16. The image display apparatus according to
claim 1, further comprising:

a remaining charge detecting unit which

2025-10-20 15:54:50

detects a remaining charge quantity of a battery; and
5 a CPU which outputs said mode switching
signal and said image signal to said control circuit
based on designation by a user, and outputs said mode
switching signal to said control circuit based on the
detected remaining charge quantity by said remaining
10 charge detecting unit.

17. The image display apparatus according to
claim 1, further comprising:

a receiving unit which receives a call; and
a CPU which outputs said mode switching
5 signal and said image signal to said control circuit
based on designation by a user, and outputs said mode
switching signal to said control circuit when said
call is received by said receiving unit.

18. The image display apparatus according to
claim 1, wherein said image display apparatus is an
electroluminescence image display apparatus.

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